

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	("6422061" "6293137" "5279795" "6265222" "6018169" "6492043" "5979239" "6519041" "6156477" "6596236" "20030024813").pn.	US-PGPUB; USPAT	OR	ON	2007/03/12 14:45
L2	1	("3925666").pn.	US-PGPUB; USPAT	OR	ON	2007/03/12 14:45
S1	2	(leak\$5) with (locate pin near2 point) same higher near3 concentration	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/09 12:44
S2	8	(leak\$5) with (locate pin near2 point find) same higher near3 concentration	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 10:38
S3	43	("3187558"   "3247703"   "3429178"   "3452656"   "3494196"   "3714421").PN. OR ("3786675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/09 10:28
S4	3	("5301538" "6157033" "5214412").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/09 12:05
S5	0	(WO-03012387-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:06
S6	1	(WO-2003012387-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:06
S7	1	2003-222066.NRAN.	DERWENT	OR	ON	2007/03/09 12:30
S8	3	(sensor near3 (array plural mulitple)) with (measure\$6 monitor\$4 detect\$6 determin\$6 calculat\$6 calibrat\$6 sens\$4 test\$4 gaug\$4 anal\$6 estimat\$6 evaluat\$6 quantify quantification asses\$4 ascertain) near3 (leak) with gas	DERWENT	OR	ON	2007/03/09 12:31

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S9	32	(sensor near3 (array plural mulitple)) with (measure\$6 monitor\$4 detect\$6 determin\$6 calculat\$6 calibrat\$6 sens\$4 test\$4 gaug\$4 anal\$6 estimat\$6 evaluat\$6 quantify quantification asses\$4 ascertain) near3 (leak) with gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:54
S10	1133	73/40.7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 13:28
S11	31691	(leak\$5) with (locat\$3 pin near2 point find)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/09 12:44
S12	52399	(sensor near3 (array plural mulitple))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:45
S13	87869	(measure\$6 monitor\$4 detect\$6 determin\$6 calculat\$6 calibrat\$6 sens\$4 test\$4 gaug\$4 anal\$6 estimat\$6 evaluat\$6 quantify quantification asses\$4 ascertain) near3 (leak\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:46
S14	368	S10 and S11 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:54
S15	52399	(sensor near3 (array plural mulitple))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:54

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S16	196	S15 and S11 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:57
S17	11	S16 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:55
S18	195	S16 not (shell).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:58
S19	195	S16 not (shell oil).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:59
S20	191	S16 not (shell adj oil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 12:59
S21	1068	73/49.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 13:28
S22	804	73/49.2.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/09 13:28
S23	744	S22 not S10	US-PGPUB; USPAT	OR	ON	2007/03/09 13:44
S24	1141	73/40.5R.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/09 14:08
S25	1024	S24 not (S21 S10)	US-PGPUB; USPAT	OR	ON	2007/03/09 13:44

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S26	1148	73/40.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/09 14:09
S27	825	S26 not (S24 S21 S10)	US-PGPUB; USPAT	OR	ON	2007/03/09 14:26
S28	0	WO-2003012387-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2007/03/09 14:26
S29	0	WO-03012387-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2007/03/09 14:26
S30	0	\$.2003012387-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2007/03/09 14:26
S31	4	\$.2003012387-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/09 14:26
S32	10	(US-20020142477-\$ or US-20040154379-\$).did. or (US-3786675-\$ or US-7051578-\$ or US-6860141-\$ or US-5214412-\$ or US-6157033-\$ or US-5301538-\$ or US-6890715-\$ or US-6840086-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/09 15:38
S33	5	S32 and array near5 sensor	US-PGPUB; USPAT	OR	ON	2007/03/09 14:36
S34	5	S32 and array near5 sensor same leak	US-PGPUB; USPAT	OR	ON	2007/03/09 14:37
S35	3	S32 and (map profile)	US-PGPUB; USPAT	OR	ON	2007/03/09 15:38
S36	2	(leak\$5) with (locate pin near2 point find) same (stop\$4 near8 condition)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 10:39
S37	2	(leak\$5) with (locate pin near2 point find) same ((stop\$4 threshold) near8 condition) not S36	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 10:40
S38	93	(leak\$5) with (locate pin near2 point find) and ((stop\$4 threshold) near8 condition) not S36	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 10:57

## EAST Search History

S39	1	("5742053").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 10:58
S40	0	S39 and (threshold stop)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 10:58
S41	10	(US-20020142477-\$ or US-20040154379-\$).did. or (US-3786675-\$ or US-7051578-\$ or US-6860141-\$ or US-5214412-\$ or US-6157033-\$ or US-5301538-\$ or US-6890715-\$ or US-6840086-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/12 12:39
S42	7	S41 and threshold	US-PGPUB; USPAT	OR	ON	2007/03/12 11:52
S44	296	fuel near3 cell same leak with (measure\$6 monitor\$4 detect\$6 determin\$6 calculat\$6 calibrat\$6 sens\$4 test\$4 gaug\$4 anal\$6 estimat\$6 evaluat\$6 quantify quantification asses\$4 ascertain)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:37
S45	1	("6157033").pn. and display	US-PGPUB; USPAT	OR	ON	2007/03/12 12:08
S46	0	S44 and (gas) near3 sesnor	US-PGPUB; USPAT	OR	ON	2007/03/12 12:38
S47	0	S44 and (gas hydrogen) near3 sesnor	US-PGPUB; USPAT	OR	ON	2007/03/12 12:38
S48	0	S44 and (gas hydrogen) near3 sesnor same leak and fuel near2 cell	US-PGPUB; USPAT	OR	ON	2007/03/12 12:38
S49	0	(gas hydrogen) near3 sesnor same leak and fuel near2 cell	US-PGPUB; USPAT	OR	ON	2007/03/12 12:38
S50	7	S41 and hydrogen	US-PGPUB; USPAT	OR	ON	2007/03/12 14:25